Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014

Message Text

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PAGE 01 STATE 110787
ORIGIN NASA-02

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DOS/EUR/SOV/JWILKINSON
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UNCLAS STATE 110787

E.O. 11652: N/A

TAGS: TSPA, UR

SUBJECT: US-USSR SPACE AGREEMENT: SPACE METEOROLOGY--
ROCKET INTERCOMPARISON TEST (04.01.00)

REF: STATE 32891

FOR SCICOUN

1. IN RESPONSE TO SOVIET TELEX THROUGH COMMERCIAL CHANNELS
WITH PROPOSED IVANOVSKIY ABSTRACT FOR PRESENTATION AT
COSPAR, PLEASE PASS THE FOLLOWING MESSAGE FROM DR. LAWRENCE
R. GREENWOOD, NASA OFFICE OF SPACE AND TERRESTRIAL APPLI-
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PAGE 02 STATE 110787

CATIONS, TO DR. L. A. ALEKSANDROV, HYDROMET SERVICE.

2. APRIL 27, 1978 04.01.00

DR. L. A. ALEKSANDROV
HYDROMETEOROLOGICAL SERVICE
OF THE USSR

Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014

Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014

12, PAVLIK MOROZOV STREET
MOSCOW, D-376, USSR

DEAR DR. ALEKSANDROV:

DR. TEPPER HAS TAKEN ON NEW DUTIES. UNTIL HIS SUCCESSOR AS US CO-CHAIRMAN OF THE ROCKET SECTION OF THE US-USSR SPACE METEOROLOGY WORKING GROUP IS DESIGNATED, I WILL BE YOUR POINT OF CONTACT.

TO DATE YOU HAVE NOT CONFIRMED THE DOCUMENT, "PRELIMINARY RESULTS OF INTERCOMPARISON OF SOVIET AND AMERICAN METEOROLOGICAL ROCKETSONDE SYSTEMS AT WALLOPS ISLAND, VA DURING AUGUST 1977," WHICH WAS JOINTLY PREPARED BY US AND SOVIET SPECIALIST. IF YOU HAVE SOME PROBLEM WITH THE DOCUMENT, PLEASE LET US KNOW SO THAT WE CAN WORK TO RESOLVE IT. YOUR CONFIRMATION IS THE NEXT STEP IN ARRIVING AT THE FINAL REPORT FOR THIS PROJECT. IN VIEW OF THE AGREED JUNE DATE FOR THE EXCHANGE OF DRAFTS OF THE FINAL REPORT WE WOULD APPRECIATE YOUR COMMENTS AS SOON AS POSSIBLE.

WE HAVE RECEIVED THE SOVIET FINAL LAUNCH RESULTS BY ROCOB CODE. THE US RESULTS WILL BE SENT IN ROCOB CODE IN EARLY MAY. WE FEEL THAT THE ROCOB FORMAT IS A GOOD WAY TO EXCHANGE THE INFORMATION RAPIDLY. WE WOULD ALSO BE UNCLASSIFIED

INTERESTED IN EXCHANGING FINAL COMPUTER PRODUCTS, INCLUDING PLOTS, AT A LATER DATE IN ORDER TO CONDUCT A MORE DETAILED ANALYSIS BASED ON THE FULL INFORMATION AVAILABLE. PLEASE LET US KNOW WHETHER YOU WOULD ALSO BE INTERESTED IN SUCH AN EXCHANGE.

REGARDING THE US AND SOVIET ABSTRACTS ON THE RESULTS OF THE INTERCOMPARISON TEST PROPOSED FOR PRESENTATION AT COSPAR, WE AGREE THAT THE WORD "PRELIMINARY" SHOULD BE INCLUDED IN THE TITLE. DR. IVANOVSKIY'S ABSTRACT REFERS TO THE RESULTS OF THE ANALYSIS OF THE "INTRA-TWENTY-FOUR HOUR CHANGE OF TEMPERATURE AND WIND." WE PRESUME THAT HE IS REFERRING TO THE DIURNAL CHANGE OF TEMPERATURE AND WIND WITH THE MEAN VALUE SUBTRACTED. IN THIS CASE, WE AGREE THAT THE DIURNAL TIDES OF US AND SOVIET DATA MAY INDICATE SIMILAR RESULTS; WE WILL BE STUDYING THIS IN THE NEAR FUTURE. ON THE OTHER HAND, MR. SCHMIDLIN'S ABSTRACT IS AN EVALUATION BY DIRECT COMPARISON FOR SYNOPTIC PURPOSES WITH THE MEAN VALUE INCLUDED. THEREFORE HIS RESULTS SHOW THAT THE TEMPERATURE DIFFERENCES INCREASED AT THE HIGHER ALTITUDES.

Sheryl P. Walter Declassified/Released US Department of State EO Systematic Review 20 Mar 2014

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WE ENVISAGE THE FOLLOWING SCHEDULE FOR THIS PROJECT IN THE NEXT FEW MONTHS. DISCUSSIONS SHOULD BEGIN AS SOON AS POSSIBLE ON THE TWO DIFFERENT APPROACHES TO THE DATA ANALYSIS SO THAT THE SOVIET SIDE CAN CONFIRM THE PRELIMINARY RESULTS DOCUMENT AND WE CAN WORK TOWARD A MUTUALLY AGREEABLE FINAL REPORT. BY MID-MAY THE ROCOB

DATA EXCHANGE SHOULD BE COMPLETED. IN JUNE THE TWO SIDES WILL EXCHANGE DRAFTS OF THE FINAL REPORT AND DISCUSS THEM INSOFAR AS POSSIBLE AT THE COSPAR MEETING. FINAL AGREEMENT ON A JOINT TEXT WILL BE BY CORRESPONDENCE. WE PROPOSE THAT BOTH ABSTRACTS WITH THE TWO DIFFERENT APPROACHES TO THE DATA INTERPRETATION BE PRESENTED AT COSPAR. AT A LATER DATE WE COULD EXCHANGE COMPUTER
UNCLASSIFIED

PRODUCTS.

IN VIEW OF THE SHORTNESS OF TIME BEFORE THE COSPAR MEETING, I WOULD APPRECIATE YOUR EARLIEST RESPONSE TO THE ABOVE PROPOSALS.

SINCERELY,

DR. LAWRENCE R. GREENWOOD
DIRECTOR OF ENVIRONMENTAL OBSERVATIONS
OFFICE OF SPACE AND TERRESTRIAL
APPLICATIONS
NASA

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